

METHODS AND APPARATUS FOR EXCHANGING  
EVENT INFORMATION BETWEEN COMPUTER SYSTEMS

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## ABSTRACT OF THE DISCLOSURE

Mechanisms and techniques provide the system that allows a sending computer system to capture and store event information related to events that transpire on a sending computer system in event batches. The event information can include event functionality  
10 related to event object in the timestamp related to the event. Periodically, in response to the occurrence of the batch transfer condition, the sending computer system transmits an event batch monthly computer network for receipt by a receiving computer system. The event batch may be processed through a collaboration adapter on the networks while prior to being send to the receiving computer system. Upon receipt of an event batch at  
15 the receiving computer system, the receiving computer system can compute a lag time required to receive the event batch. The receiving computer system can then recreate events based on the event information in the event batches while compensating for network lag time incurred during transmission of the event batch between a sending and receiving computer systems. By compensating for network lag during the recreation or  
20 playback of events, the system of the invention avoids the receiving computer system from reproducing events in a choppy or discontinuous manner or from getting left behind during event recreation due to accumulations of network lag time.